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(54) CORE FOR CAGE ROTOR OF INDUCTION MOTOR**(57) Abstract:**

PURPOSE: To facilitate a manufacturing process by forming notch sections among bridge sections formed to a core plate and laminating the core plates while successively displacing the notches.

CONSTITUTION: Bridge sections 20 project along the circumferential direction of a core plate 12 from both sides of the front end of the outer circumferential section of a tooth section 14. The bridge sections 20 are composed of bridge sections 20a and 20b, the bridge sections 20a project from tooth sections 14a formed at every 90°, and the bridge sections 20b are project from tooth sections 14b displaced from the tooth sections 14a at an angle of 45°. Consequently, the bridge sections 20a and 20b are arranged alternately in the circumferential direction of the core plate 12. Notch sections 22 at space C are formed among each bridge section 20a and 20b respectively. The size A of the bridge sections 20a is shaped larger than that B of the

bridge sections 20b at that time. Accordingly, the core plates are laminated while successively placing the notch sections formed among the sections, the accuracy of finishing of the thick the bridge sections may not be precise, thus facilitate the manufacture of a core.

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